Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1457779

Luminaire Tested: GLAN-SB3A-830-U-T2LG-HSS

Issue Date: 05/20/2026

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1457779
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3A-830-U-T2LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE II LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8756.7 lumens
Efficiency:	N/A
Efficacy:	103.4 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G2

Input Watts (W):	84.7
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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REPORT NUMBER: P1457779
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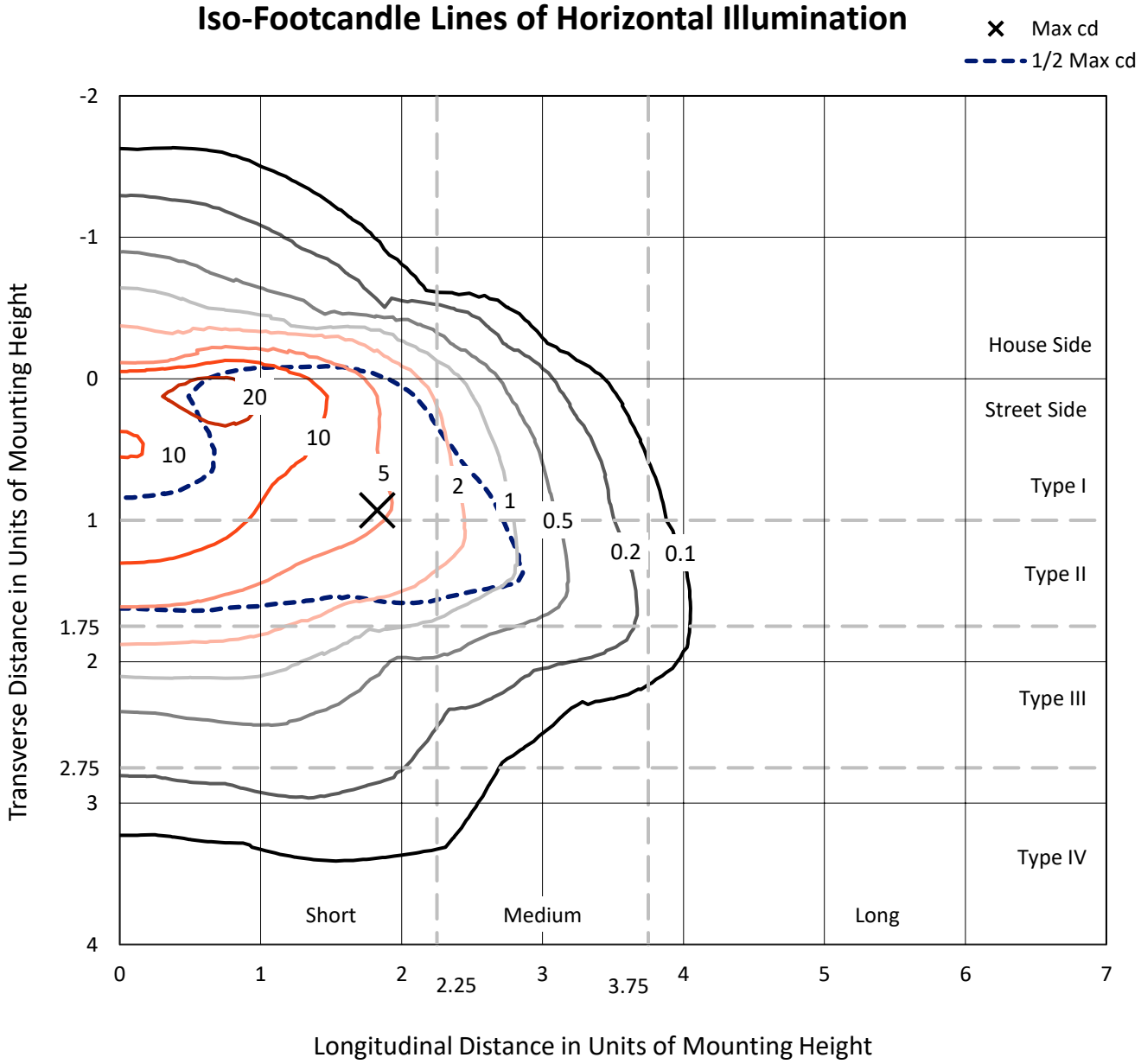
Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 25.1 fc
Type II - Short - N/A

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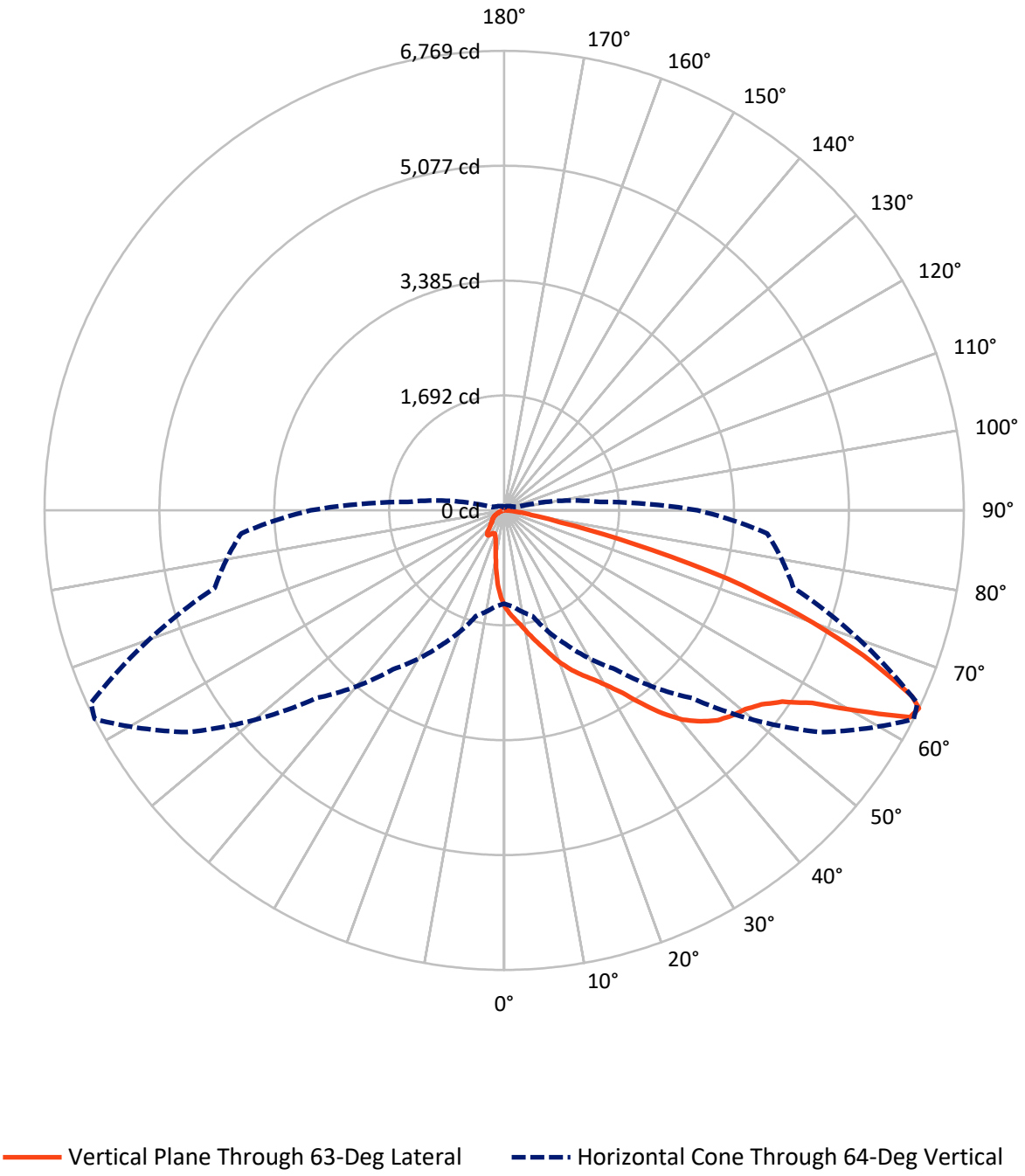
Luminous Intensity Polar Plot



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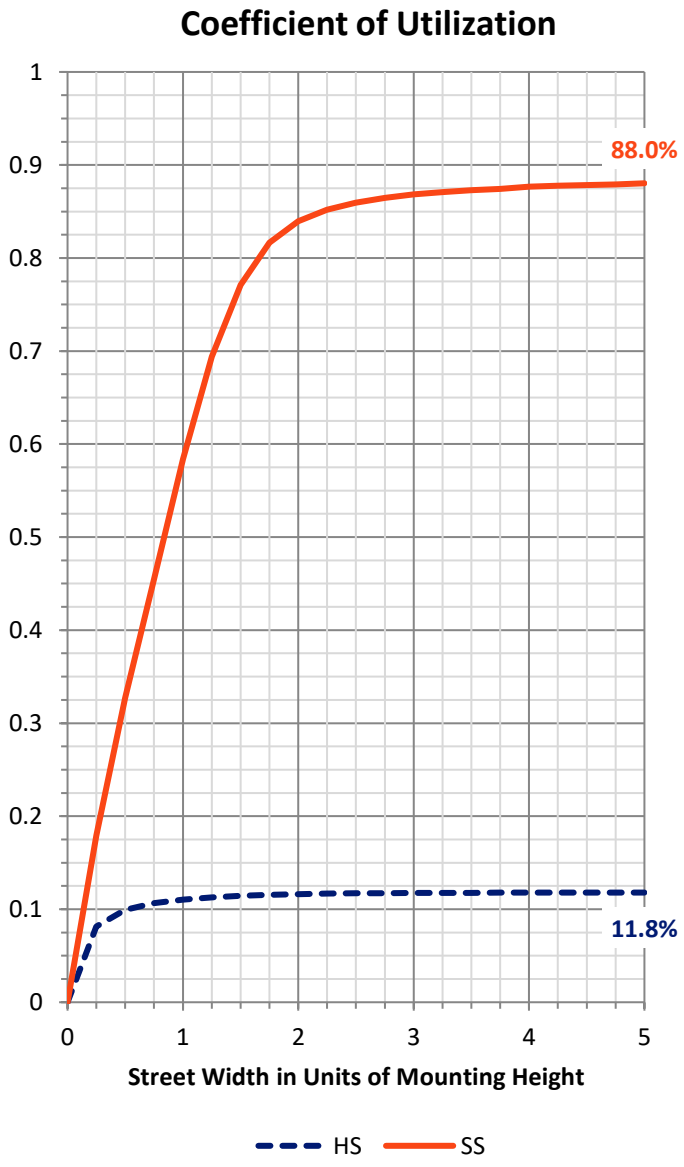
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1039.1	0.0	1039.1
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	7717.6	0.0	7717.6
	% Fixture	88.1	0.0	88.1
Total	Lumens	8756.7	0.0	8756.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	119.2	1.4
10°-20°	335.0	3.8
20°-30°	596.7	6.8
30°-40°	1139.8	13.0
40°-50°	1889.2	21.6
50°-60°	2354.9	26.9
60°-70°	1756.0	20.1
70°-80°	503.6	5.8
80°-90°	62.3	0.7
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	8756.7	100.0
0°-180°	8756.7	100.0



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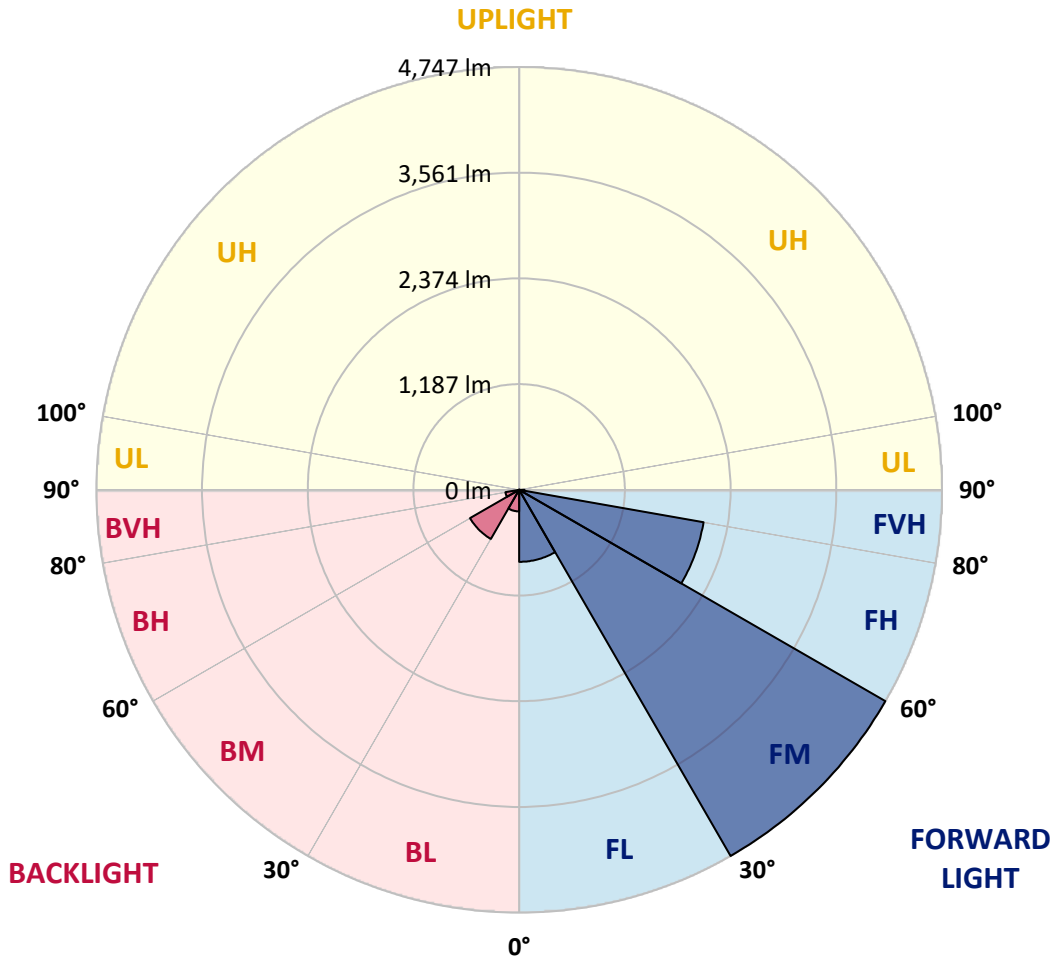
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	808.6	9.2			
FM	(30°-60°)	4747.4	54.2			
FH	(60°-80°)	2102.4	24.0			G2/5000
FVH	(80°-90°)	59.2	0.7			G1/100
BL	(0°-30°)	242.4	2.8	B1/500		
BM	(30°-60°)	636.5	7.3	B1/1000		
BH	(60°-80°)	157.2	1.8	B1/500		G1/500
BVH	(80°-90°)	3.1	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	63°	65°	75°	85°
0°	1415.9	1415.9	1415.9	1415.9	1415.9	1415.9	1415.9	*1415.9*	1415.9	1415.9	1415.9
2.5°	1586.6	1581.3	1576.1	1568.2	1557.7	1547.2	1534.1	*1515.7*	1507.8	1481.5	1450.0
5°	1668.0	1668.0	1665.4	1660.1	1654.9	1644.4	1628.6	*1605.0*	1594.5	1557.7	1502.5
7.5°	1689.0	1691.7	1699.5	1710.1	1725.8	1723.2	1723.2	*1696.9*	1691.7	1652.3	1578.7
10°	1652.3	1654.9	1675.9	1704.8	1752.1	1796.7	1828.3	*1812.5*	1804.6	1765.2	1673.3
12.5°	1599.7	1599.7	1633.9	1678.5	1752.1	1836.1	1928.1	*1943.8*	1946.5	1901.8	1791.5
15°	1463.1	1468.4	1523.6	1612.9	1733.7	1865.0	2020.0	*2080.4*	2096.2	2067.3	1936.0
17.5°	1281.9	1287.1	1342.3	1463.1	1644.4	1865.0	2098.8	*2238.0*	2259.1	2264.3	2119.8
20°	1205.7	1205.7	1237.2	1329.2	1518.3	1815.1	2146.1	*2406.2*	2453.4	2511.2	2322.1
22.5°	1216.2	1216.2	1234.6	1287.1	1439.5	1746.8	2175.0	*2555.9*	2653.1	2800.2	2582.2
25°	1274.0	1274.0	1289.8	1323.9	1447.4	1736.3	2230.2	*2689.9*	2844.8	3123.3	2879.0
27.5°	1365.9	1363.3	1376.5	1410.6	1523.6	1786.2	2322.1	*2823.8*	2997.2	3485.8	3220.5
30°	1499.9	1492.0	1497.3	1536.7	1647.0	1901.8	2456.1	*2994.6*	3170.6	3882.4	3598.7
32.5°	1809.9	1807.2	1731.1	1710.1	1828.3	2088.3	2639.9	*3207.3*	3404.4	4302.7	3987.5
35°	2369.4	2406.2	2298.5	2022.6	2046.3	2337.9	2902.6	*3496.3*	3677.5	4749.3	4410.4
37.5°	2936.8	2936.8	2892.1	2566.4	2400.9	2613.7	3186.3	*3793.1*	3982.3	5109.2	4817.6
40°	3386.0	3409.6	3357.1	3112.8	2897.4	2928.9	3470.0	*4053.2*	4226.5	5329.8	5106.5
42.5°	3719.6	3714.3	3693.3	3533.1	3412.2	3341.3	3727.4	*4247.6*	4413.0	5442.8	5287.8
45°	4079.4	4079.4	4050.5	3919.2	3819.4	3759.0	3919.2	*4410.4*	4583.8	5511.1	5400.7
47.5°	4455.1	4449.8	4420.9	4276.5	4168.8	4079.4	4113.6	*4515.5*	4688.9	5466.4	5419.1
50°	4547.0	4541.8	4607.4	4612.7	4515.5	4344.8	4268.6	*4604.8*	4757.2	5469.0	5476.9
52.5°	4439.3	4470.8	4568.0	4686.2	4796.6	4617.9	4434.1	*4746.7*	4904.3	5542.6	5621.4
55°	4171.4	4184.5	4371.0	4560.1	4817.6	4880.6	4699.4	*4972.6*	5111.8	5613.5	5750.1
57.5°	3672.3	3722.2	3921.8	4250.2	4641.6	4904.3	5161.7	*5350.8*	5455.9	5642.4	5679.2
60°	2771.3	2797.6	3231.0	3656.5	4276.5	4715.1	5592.5	*5991.8*	5978.6	5316.7	5182.7
62.5°	1686.4	1710.1	2020.0	2695.1	3475.3	4321.1	5737.0	*6708.9*	6638.0	4767.7	4363.1
64°	*1373.8*	*1418.5*	*1610.2*	*2188.1*	*2858.0*	*3908.7*	*5694.9*	*6769.3*	*6714.1*	*4413.0*	*3887.7*
65°	1174.2	1234.6	1431.6	1899.2	2429.8	3464.8	5579.4	*6601.2*	6564.4	4197.6	3493.7
67.5°	738.1	767.0	1058.6	1476.3	1673.3	2217.0	4796.6	*5708.1*	5773.7	3740.6	2576.9
70°	549.0	562.1	727.6	1142.7	1305.5	1289.8	3294.0	*4623.2*	4639.0	2991.9	1555.1
72.5°	399.3	401.9	509.6	845.8	1021.8	880.0	1736.3	*3435.9*	3322.9	1752.1	848.5
75°	265.3	275.8	357.2	596.3	795.9	646.2	790.7	*1957.0*	1922.8	856.3	486.0
77.5°	194.4	197.0	241.7	399.3	625.2	475.5	478.1	*843.2*	869.5	509.6	307.3
80°	110.3	115.6	157.6	244.3	407.2	325.7	267.9	*407.2*	467.6	346.7	204.9
82.5°	65.7	70.9	113.0	160.2	278.4	134.0	136.6	*223.3*	278.4	249.5	110.3
85°	39.4	42.0	70.9	86.7	165.5	89.3	49.9	*110.3*	144.5	147.1	60.4
87.5°	26.3	26.3	39.4	36.8	47.3	42.0	21.0	*28.9*	36.8	49.9	23.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0

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REPORT NUMBER: P1457779
CATALOG NUMBER: GLAN-SB3A-830-U-T2LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1415.9	1415.9	1415.9	1415.9	1415.9	1415.9	1415.9	1415.9	1415.9	1415.9	1415.9
2.5°	1423.7	1408.0	1360.7	1297.6	1239.9	1195.2	1140.0	1103.3	1069.1	1069.1	1040.2
5°	1457.9	1415.9	1300.3	1155.8	1000.8	853.7	759.1	654.1	619.9	591.0	596.3
7.5°	1515.7	1439.5	1234.6	974.5	727.6	570.0	464.9	417.7	396.6	383.5	386.1
10°	1586.6	1481.5	1155.8	790.7	535.9	417.7	367.8	349.4	341.5	338.9	338.9
12.5°	1683.8	1531.4	1077.0	635.7	422.9	359.9	333.6	323.1	315.2	310.0	310.0
15°	1799.4	1594.5	985.1	522.7	370.4	331.0	310.0	299.5	288.9	286.3	286.3
17.5°	1946.5	1660.1	903.6	449.2	344.1	310.0	288.9	275.8	267.9	265.3	265.3
20°	2109.3	1741.6	822.2	407.2	325.7	288.9	267.9	257.4	249.5	244.3	246.9
22.5°	2316.9	1844.0	769.7	386.1	310.0	270.6	249.5	239.0	231.2	225.9	228.5
25°	2545.4	1972.7	740.8	386.1	299.5	257.4	233.8	223.3	215.4	210.1	210.1
27.5°	2823.8	2117.2	743.4	401.9	296.8	246.9	220.7	210.1	202.3	194.4	194.4
30°	3131.2	2288.0	772.3	430.8	302.1	236.4	210.1	194.4	189.1	181.3	181.3
32.5°	3456.9	2485.0	845.8	467.6	296.8	223.3	194.4	181.3	173.4	168.1	168.1
35°	3801.0	2708.2	937.8	483.3	270.6	204.9	181.3	168.1	162.9	160.2	157.6
37.5°	4129.4	2902.6	987.7	451.8	236.4	189.1	165.5	152.4	149.7	144.5	144.5
40°	4384.2	3062.9	958.8	386.1	218.0	173.4	152.4	139.2	134.0	128.7	128.7
42.5°	4533.9	3120.7	853.7	328.4	204.9	157.6	139.2	126.1	120.8	118.2	118.2
45°	4620.6	3112.8	730.3	294.2	191.8	144.5	126.1	118.2	110.3	107.7	105.1
47.5°	4617.9	3031.3	640.9	265.3	178.6	134.0	118.2	110.3	102.4	99.8	99.8
50°	4599.6	2910.5	541.1	244.3	168.1	126.1	110.3	105.1	97.2	94.6	91.9
52.5°	4644.2	2842.2	451.8	231.2	155.0	120.8	107.7	99.8	89.3	86.7	86.7
55°	4699.4	2802.8	362.5	218.0	144.5	118.2	102.4	94.6	84.1	81.4	81.4
57.5°	4539.1	2653.1	299.5	197.0	131.3	113.0	97.2	91.9	81.4	73.6	73.6
60°	4034.8	2193.4	246.9	173.4	120.8	105.1	91.9	84.1	73.6	63.0	63.0
62.5°	3280.9	1673.3	204.9	147.1	113.0	97.2	84.1	76.2	63.0	49.9	49.9
64°	*2850.1*	*1421.1*	*183.9*	*128.7*	*107.7*	*89.3*	*76.2*	*68.3*	*55.2*	*42.0*	*39.4*
65°	2555.9	1255.6	170.7	120.8	105.1	84.1	73.6	65.7	49.9	39.4	36.8
67.5°	1799.4	843.2	136.6	99.8	91.9	70.9	63.0	55.2	44.7	34.1	31.5
70°	1048.1	478.1	107.7	84.1	70.9	55.2	52.5	49.9	39.4	26.3	26.3
72.5°	570.0	239.0	81.4	68.3	55.2	39.4	44.7	39.4	31.5	21.0	18.4
75°	349.4	147.1	60.4	49.9	36.8	28.9	34.1	28.9	18.4	13.1	10.5
77.5°	233.8	94.6	44.7	34.1	23.6	18.4	23.6	15.8	7.9	2.6	2.6
80°	144.5	65.7	28.9	21.0	13.1	7.9	5.3	2.6	2.6	0.0	0.0
82.5°	63.0	42.0	15.8	10.5	5.3	2.6	2.6	0.0	0.0	0.0	0.0
85°	34.1	13.1	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.5	5.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

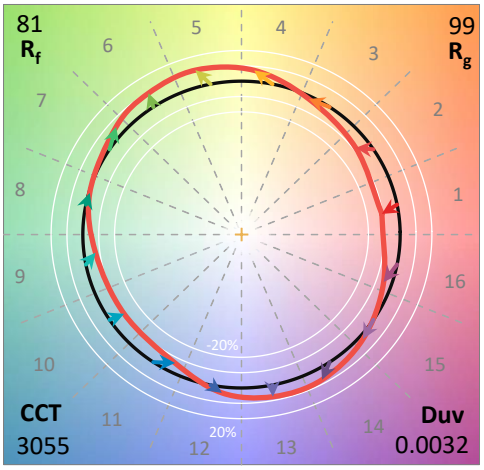
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-9
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP1 - 76IN SPHERE
Measurement Geometry:	4π
Issue Date:	10/15/2024
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GSS-SB1A-830-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3055
CIE u':	0.2475
CIE v':	0.5247
Duv:	0.0032
CIE x:	0.4377
CIE y:	0.4124
CIE z:	0.1499
Peak Wavelength (nm):	604
Dominant Wavelength (nm):	581
Purity:	55.16339
Rf:	81.5
Rg:	99.2

CRI (Ra):	80.9
R1:	79.5
R2:	85.6
R3:	92.1
R4:	82.4
R5:	78.9
R6:	81.7
R7:	85.1
R8:	61.9
R9:	6.8
R10:	67.1
R11:	82.5
R12:	63.4
R13:	80.2
R14:	95.1
R15:	71.7



Test Conditions

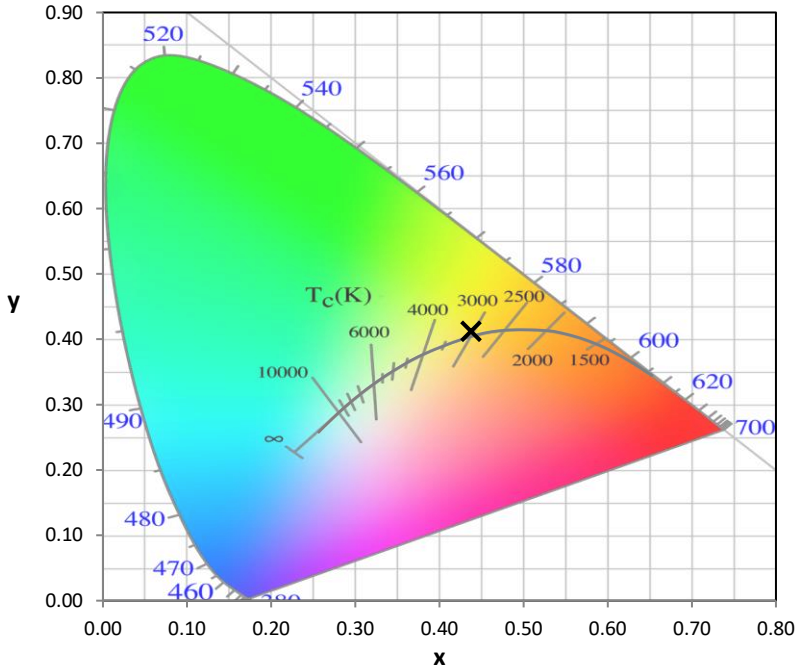
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

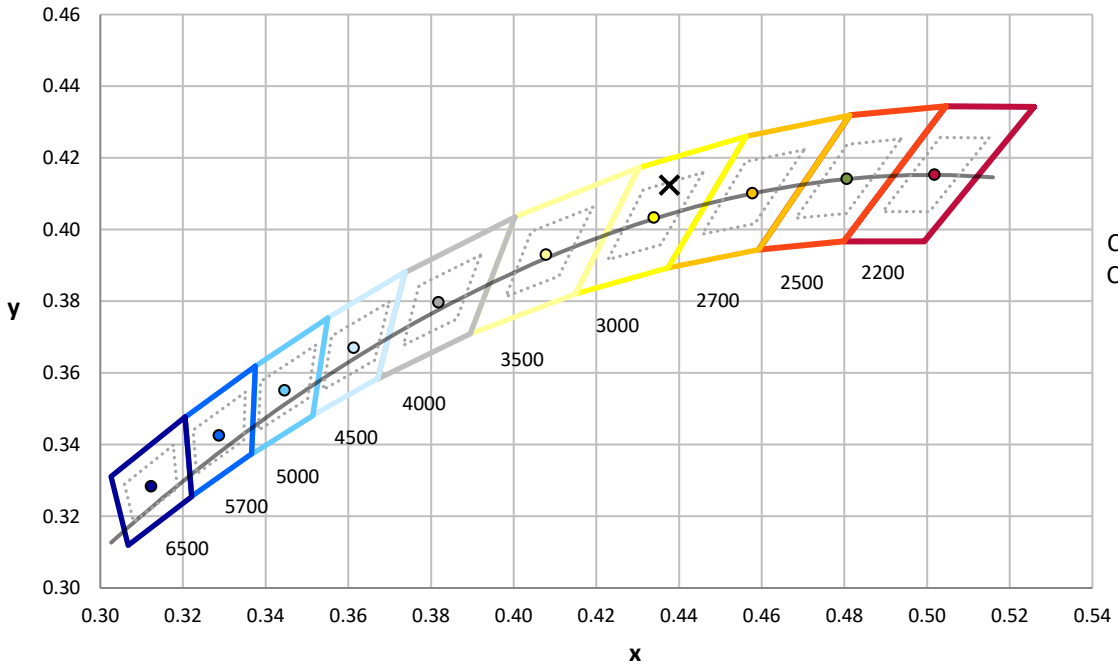
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

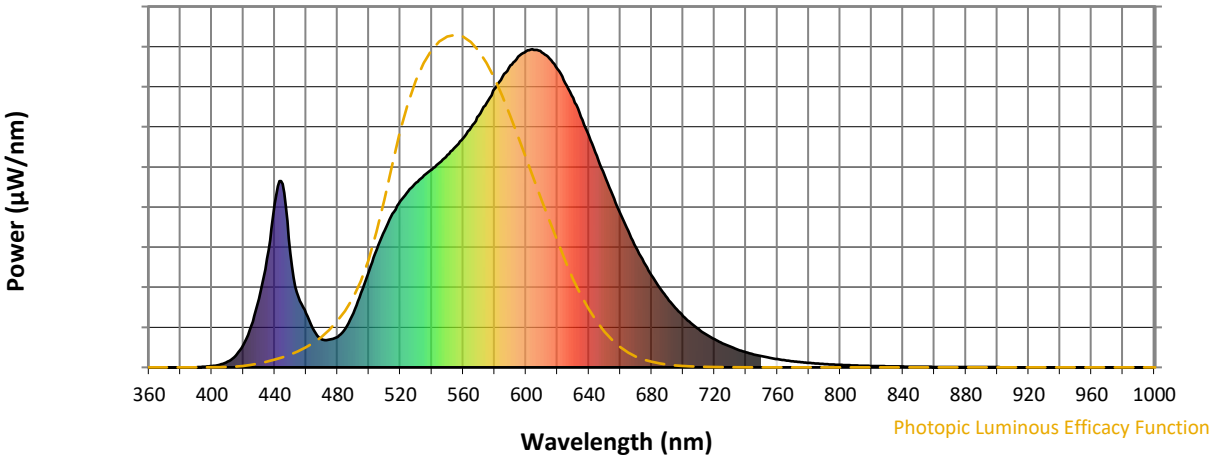


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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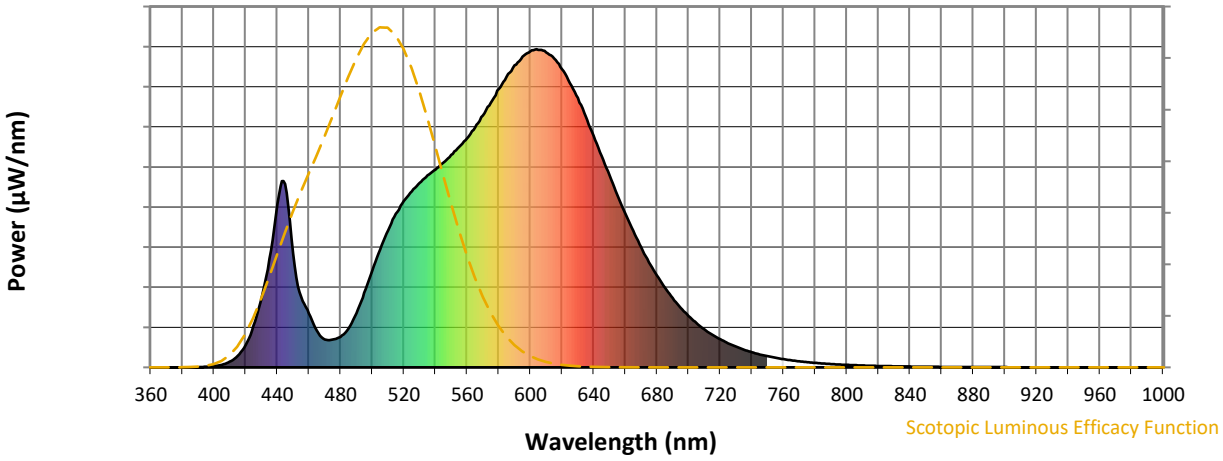
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.28**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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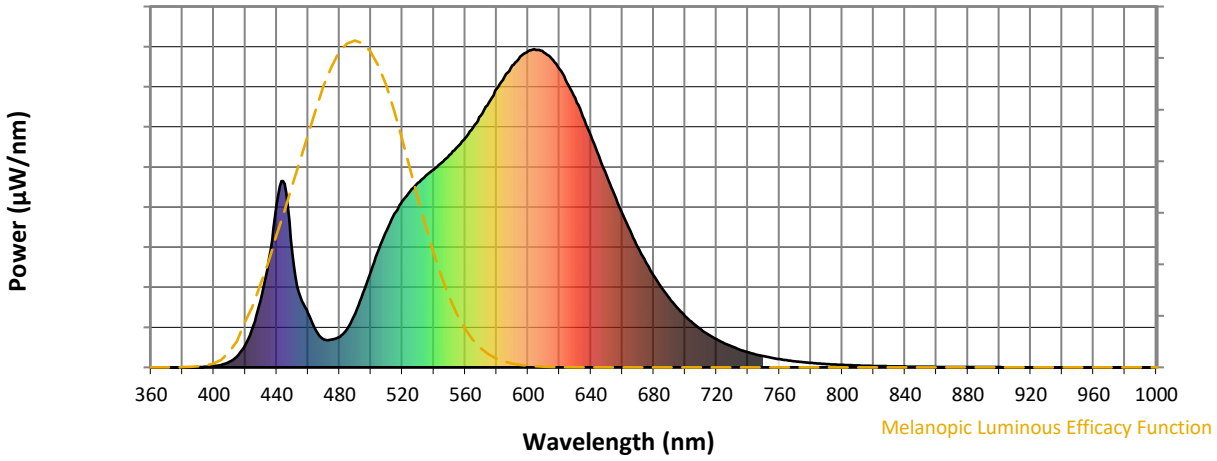
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.33**

λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)	λ (nm)	Power W^/nm	Lumens (ϕ/nm)
360	0	NR	490	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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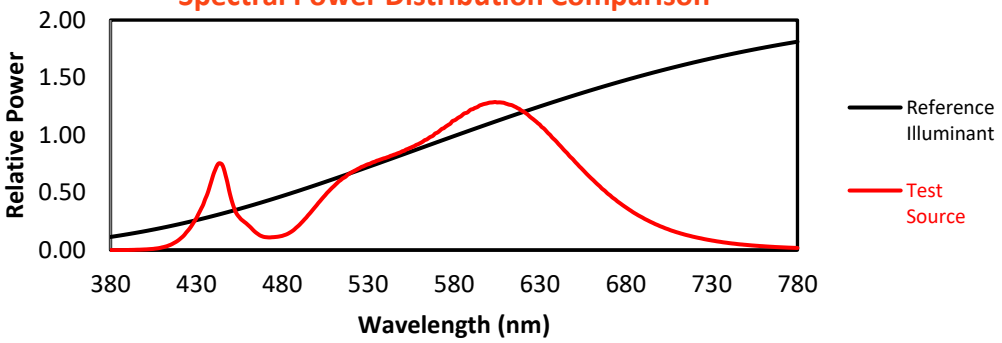
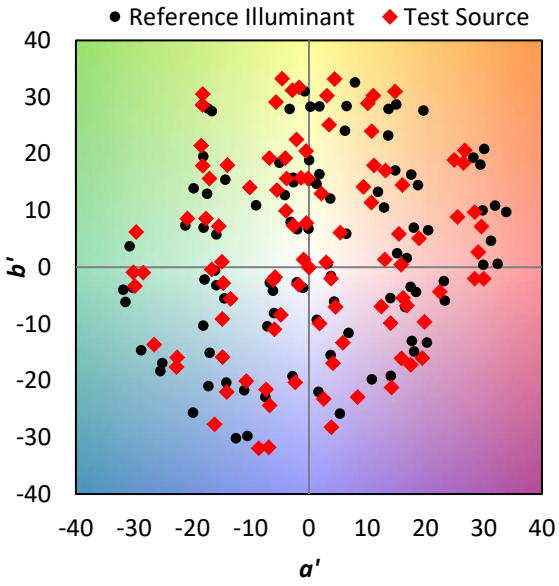
Summary

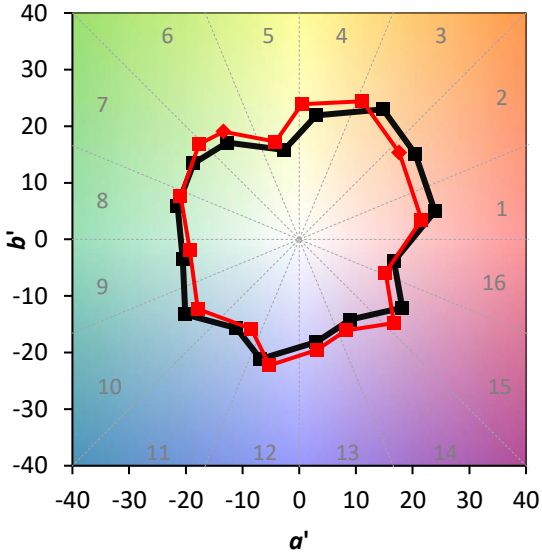
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

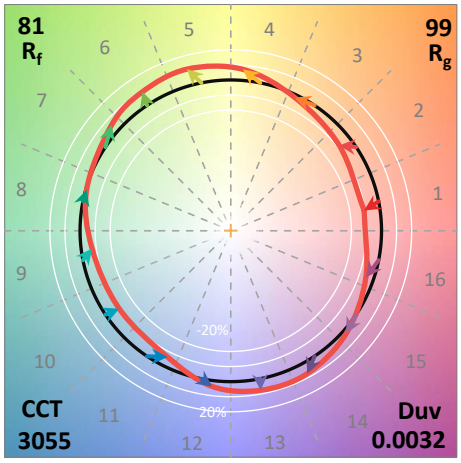
Spectral Power Distribution Comparison

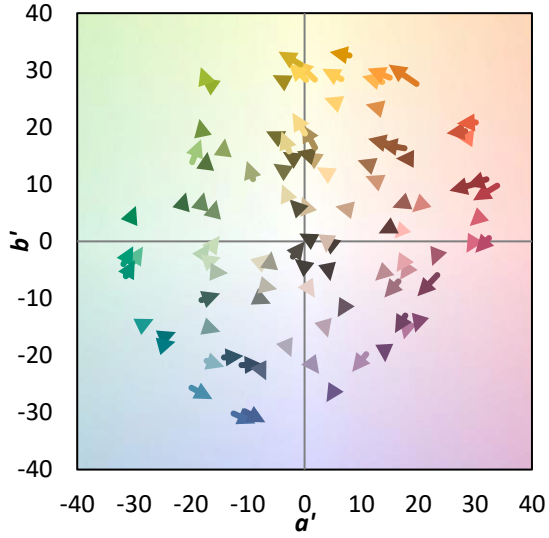


Color Vector Graphics









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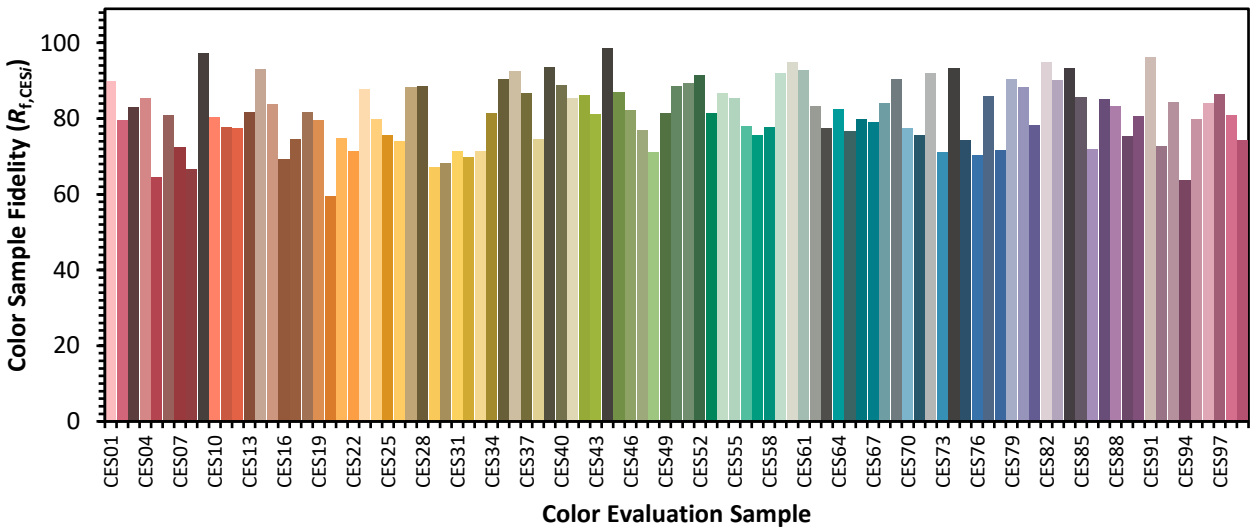
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



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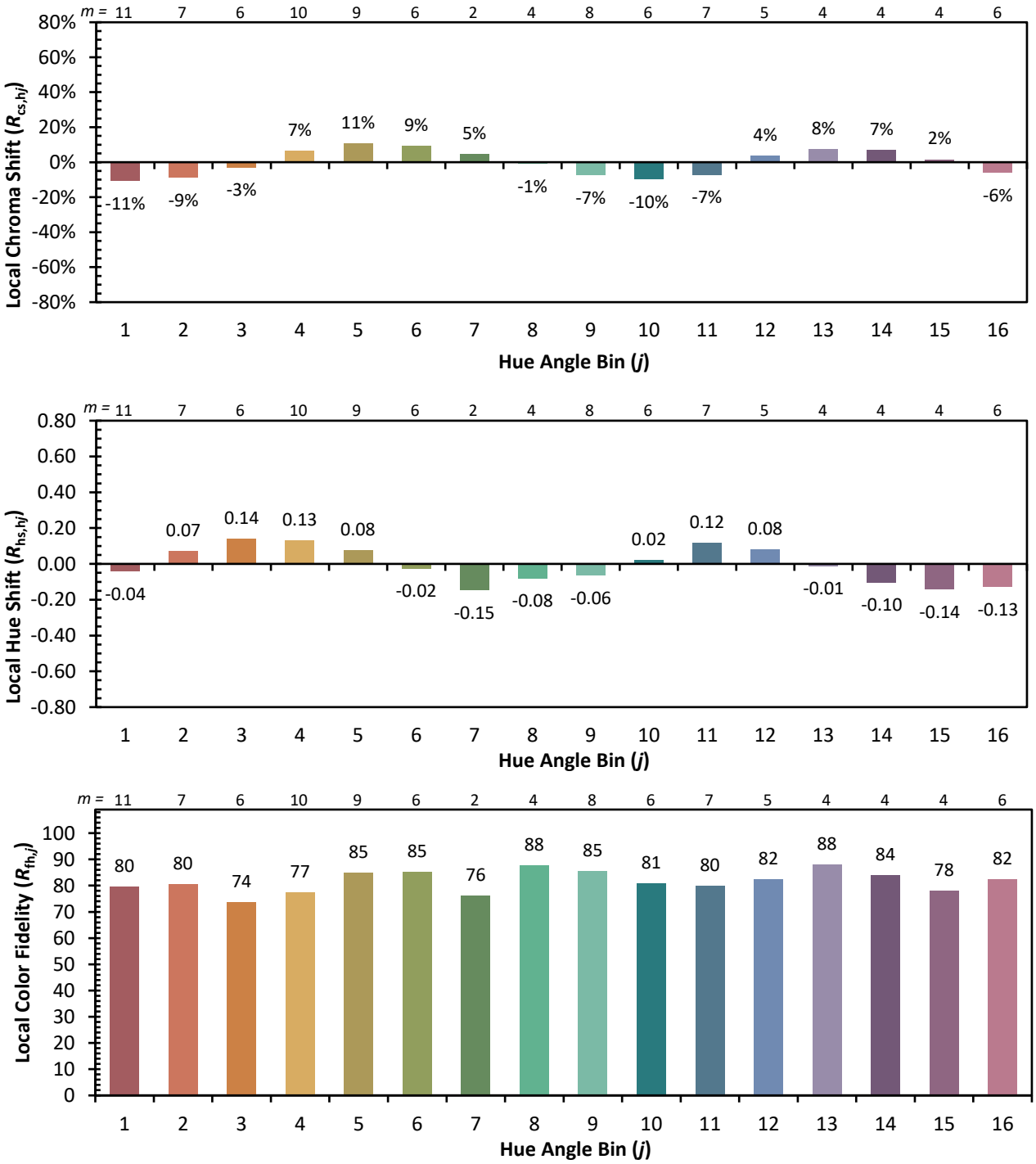
Color Rendition by Hue-Angle Bin



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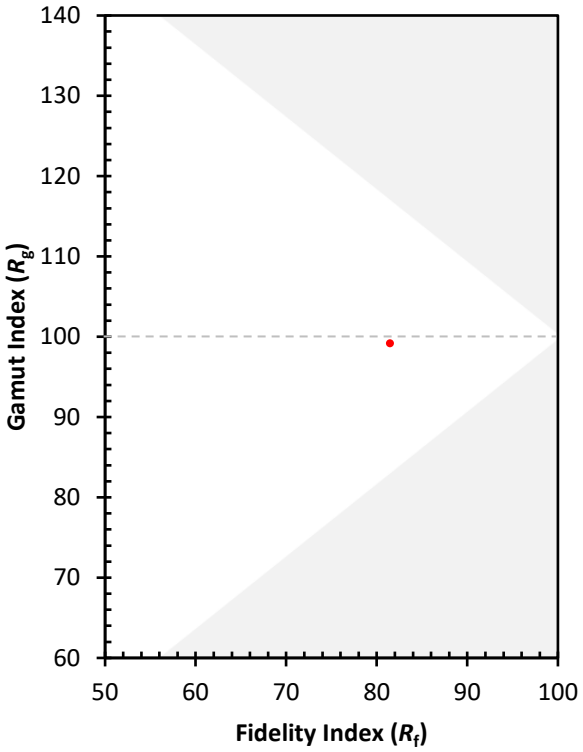
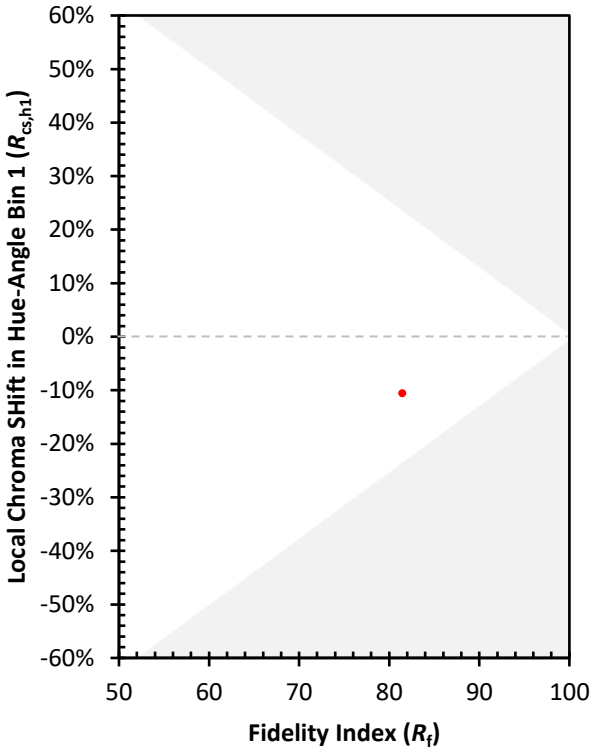
Measure Comparisons





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